

Patent Abstracts of Japan

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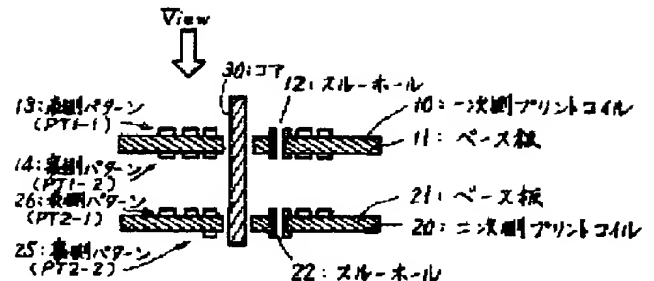
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APPLICANT : YOKOGAWA ELECTRIC CORP;

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TITLE : PRINTED COIL TYPE TRANSFORMER



ABSTRACT : PURPOSE: To provide a printed coil type transformer in which stray capacity is reduced while sustaining good magnetic coupling between the primary and the secondary of a transformer and thereby high frequency noise current is reduced between the primary and the secondary.

CONSTITUTION: The printed coil type transformer comprises a primary printed coil (10) where a foil-like conductor pattern is formed spirally, and a secondary printed coil (20) where a foil-like spiral conductor pattern coupling magnetically with the conductor pattern of the primary printed coil is formed. In the printed coil type transformer where each printed coil is provided with at least two layers of conductor pattern, coil parts having small absolute voltage variation as compared with that caused by the current being applied to other conductor pattern surface of each printed coil are assigned to the surface (PT1-2) of the primary printed coil opposing to the secondary printed coil and the surface (PT2-1) of the secondary printed coil opposing to the primary printed coil.

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